

Application No.: Not Yet Assigned

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Docket No.: 20421/0202621-US0

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An inspecting apparatus for detecting a defect of a glass bottle by imaging light from the glass bottle while the glass bottle is illuminated and rotated, and processing the obtained image, the inspecting apparatus comprising:

a lighting device disposed at a predetermined position with respect to the glass bottle;

a plurality of CCD cameras disposed around the glass bottle for imaging a specific part of the glass bottle;

an angle detection device for detecting a rotation angle of the glass bottle with respect to a reference position; and

an image processor for processing the images obtained by said CCD cameras;

wherein said image processor stores rotation angle information detected by said angle detection device in such a manner that said rotation angle information corresponds to the image imaged by each of said CCD cameras.

Claim 2 (currently amended): An inspecting apparatus according to claim 1, wherein said rotation angle information is included~~written~~ on the image imaged by at least one~~each~~ of said CCD cameras.

Claim 3 (currently amended): An inspecting apparatus according to claim 1 or 2, wherein said image processor detects the defect at a specific part of the glass bottle by comparing the image having said rotation angle information with a reference image prepared in advance having corresponding rotation angle information which corresponds to said angle.

Claim 4 (currently amended): An inspecting apparatus according to claim 3,

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wherein said reference image is produced in advance on the basis of the images of glass bottles having no defect, ~~among the images obtained by imaging glass bottles in advance.~~

Claim 5 (currently amended): An inspecting apparatus according to ~~any one of claims 1 through 4~~claim 1, wherein mold information is stored in such a manner that said mold information corresponds to the image imaged by each of said CCD cameras.

Claim 6 (currently amended): An inspecting apparatus according to ~~any one of claims 1 through 5~~claim 1, wherein information related to production including manufacturing number, manufacturing line, or manufacturing date and time is stored in such a manner that said information corresponds to the image imaged by each of said CCD cameras.

Claim 7 (currently amended): An inspecting apparatus according to ~~any one of claims 1 through 6~~claim 1, wherein an inspection result is stored in such a manner that said inspection result corresponds to the image imaged by each of said CCD cameras.